

INTERNATIONAL SEARCH REPORT

International Application No

P 03/12022

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C09K11/00 C07C13/00 C07F5/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09K C07C C07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/041802 A1 (PATEL JYOTI R ET AL) 15 November 2001 (2001-11-15) page 17, column 2; examples 5B,5C	16-19, 21,22
A	US 6 423 519 B1 (BERLIN VIVIAN ET AL) 23 July 2002 (2002-07-23) figure 45, compound 29	16-19, 21,22
A	EP 1 078 917 A (ONO PHARMACEUTICAL CO) 28 February 2001 (2001-02-28) page 303, example 21(1)	16,18, 19,21
A	EP 0 430 033 A (CIBA GEIGY AG) 5 June 1991 (1991-06-05) examples 1-3	16,18, 19,21,22
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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02/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Koessler, J-L

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PCT/EP 03/12022

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 95 25086 A (EISAI CO LTD ;NAGASU TAKESHI (JP); HISHINUMA IEHARU (JP); YOSHIMAT) 21 September 1995 (1995-09-21) page 45, scheme X; compound R020M	16-19, 21,22
A	WALLACE ET AL.: SYNTHESIS, 2001, pages 1784-1789, XP001179410 page 1785, table 2, p. 1787 column 2, compound 2c	16-19, 21,22
A,P	COLLETI ET AL.: J. MED. CHEM., vol. 46, December 2002 (2002-12), pages 349-352, XP002269334 page 350, column 2, scheme 2	1,2, 4-11,16, 18,19, 21,22
A	NAHM S ET AL: "N-METHOXY-N-METHYLAMIDES AS EFFECTIVE ACYLATING AGENTS" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 22, no. 39, 1981, pages 3815-3818, XP002019576 ISSN: 0040-4039 the whole document	1,2,4-11
A	WO 00 22026 A (COVION ORGANIC SEMICONDUCTORS (US)) 20 April 2000 (2000-04-20) cited in the application the whole document	1-23
A	DE 198 46 767 A (AVENTIS RES & TECH GMBH & CO) 20 April 2000 (2000-04-20) the whole document	1-23
A	WO 97 33323 A (UNIAX CORP) 12 September 1997 (1997-09-12) the whole document	1-23

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International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2001041802	A1	15-11-2001	US 6329534 B1 WO 02070507 A2 US 6436986 B1	11-12-2001 12-09-2002 20-08-2002
US 6423519	B1	23-07-2002	AU 5107599 A CA 2335381 A1 EP 1096925 A2 JP 2002520372 T WO 0003743 A2	07-02-2000 27-01-2000 09-05-2001 09-07-2002 27-01-2000
EP 1078917	A	28-02-2001	AU 2300699 A EP 1078917 A1 US 6358960 B1 WO 9941231 A1 ZA 9901273 A	30-08-1999 28-02-2001 19-03-2002 19-08-1999 25-08-1999
EP 0430033	A	05-06-1991	EP 0430033 A2 JP 3190853 A ZA 9009408 A	05-06-1991 20-08-1991 28-08-1991
WO 9525086	A	21-09-1995	AU 2122795 A CA 2185441 A1 CN 1151156 A EP 0750609 A1 FI 963597 A HU 77406 A2 JP 10500666 T NO 963860 A WO 9525086 A1 US 5840918 A	03-10-1995 21-09-1995 04-06-1997 02-01-1997 14-11-1996 28-04-1998 20-01-1998 13-11-1996 21-09-1995 24-11-1998
WO 0022026	A	20-04-2000	DE 19846766 A1 AU 5743699 A CN 1330670 T WO 0022026 A1 EP 1123336 A1 JP 2002527553 T US 6653438 B1	20-04-2000 01-05-2000 09-01-2002 20-04-2000 16-08-2001 27-08-2002 25-11-2003
DE 19846767	A	20-04-2000	DE 19846767 A1	20-04-2000
WO 9733323	A	12-09-1997	DE 69724107 D1 EP 0885461 A1 JP 2000506916 T WO 9733323 A1 US 5900327 A	18-09-2003 23-12-1998 06-06-2000 12-09-1997 04-05-1999